

## Programmable BPSK Receiver

U R Rao Satellite Centre (URSC) of Indian Space Research Organisation (ISRO) has developed a dual data rate BPSK receiver with low mass and DC power for application in scientific missions. It can support TC and TM data rate using single Receiver.



### Salient Features

- ✦ Modular approach.
- ✦ Programmable data rates (low & high data rates can be supported).
- ✦ Compact & miniaturized.
- ✦ Low power consumption.

### Major Specifications

RF Frequency	2589.75 MHz
Dynamic Range	-50 dBm to -116 dBm
IF Frequency	31.5 MHz
Data Rate	10/64 Kps
Threshold	-116 dBm/-108 dBm
DC power	3.5 W
Mass	960 gm

## Technology Transfer

URSC/ISRO offers to transfer this technology of Programmable BPSK Receiver to industries in India with adequate experience and facilities. Industries interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities.

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